

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: MARTON, Luigi

SERIAL NO.:

FILED: Herewith

TITLE: APPARATUS INCLUDING A SUCKER WITH AUTOSELECTION FUNCTION FOR  
HANDLING MATERIAL

PRELIMINARY AMENDMENT

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In conjunction with the filing of the present application, and prior to an initial Official Action on this matter, please amend the above-identified application as follows:

Preliminary Amendment: SPECIFICATION AMENDMENTS

In Paragraph [0033], please amend the paragraph as follows:

Others advantages will appear from the following specific description of some preferred embodiments, with the aid of the enclosed schematic drawings, whose implementation details are not to be considered limitative, restrictive, but only illustrative.

In Paragraphs [0034] to [0046], please amend the paragraphs as follows:

[0034] Figure 1 is a schematic view of a diagram of the apparatus that is the object of this invention in the rest position, which represents a plan of the pneumatic installation for the supply of the autoselection valve and of the sucker connected to it, cooperating with a Venturi effect vacuum generator, as well as the connecting circuit between them.

[0035] Figure 2 is a schematic view of a diagram of the apparatus that is the object of this invention as in Figure 1, in active position.

[0036] Figure 3 is a schematic view of a diagram of the apparatus that is the object of this invention, as in previous Figures in auto-relief position.

[0037] Figure 4 is a schematic view of a diagram of the apparatus that is the object of this invention, as in previous Figures in stand by / economy position.

[0038] Figure 5 is a schematic view of a diagram of the apparatus that is the object of this invention, as in previous Figures in a position of depression loss in the sucker.

[0039] Figure 6 is a schematic view of a diagram of the apparatus that is the object of this invention, as in previous Figures in a depression reactivation position.

[0040] Figure 7 is a schematic view of a diagram of the apparatus that is the object of this invention, as in previous Figures in a position of detachment from the piece.

[0041] Figure 8 is a schematic view of a diagram of the apparatus that is the object of this invention in the rest position, that represents a plan of the pneumatic installation for supplying the autoselection valve and sucker connected to it, cooperating with a vacuum pump, as well as the connecting circuit between them.

[0042] Figure 9 is a schematic view of a diagram of the apparatus that is the object of this invention in rest position, that represents one variant of the plan of the pneumatic installation for supplying the auto-selection valve and sucker connected to it, cooperating with a Venturi effect vacuum generator, as well as the connecting circuit between them.

[0043] Figure 10 is a schematic view of a diagram of an apparatus with several suckers, supplied by a vacuum pump.

[0044] Figure 11 is a schematic view of a diagram of an apparatus with several suckers, supplied by a single Venturi effect vacuum generator.

[0045] Figure 12 is a schematic view of a diagram of an apparatus with several suckers, supplied by a corresponding number of Venturi effect vacuum generators.

[0046] Figure 13 is an illustrative plan a diagrammatic illustration of certain possible sucker working positions.